

#2

## RAW SEQUENCE LISTING

DATE: 10/10/2001

PATENT APPLICATION: US/09/931,048

TIME: 18:16:54

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\10102001\I931048.raw

## SEQUENCE LISTING

5 (1) GENERAL INFORMATION:

7 (i) APPLICANT: TADASHI OKAMOTO

8 (ii) TITLE OF INVENTION: PROCESS FOR DETECTING TARGET

9 NUCLEIC ACID, PROCESS FOR QUANTIFYING THE SAME,

10 AND PYRYLIUM COMPOUND FOR CHEMILUMINESCENCE

11 ANALYSIS

13 (iii) NUMBER OF SEQUENCES: 4

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: FITZPATRICK, CELLA, HARPER & SCINTO

17 (B) STREET: 30 ROCKEFELLER PLAZA

18 (C) CITY: NEW YORK

19 (D) STATE: NEW YORK

20 (E) COUNTRY: UNITED STATES OF AMERICA

21 (F) ZIP: 10112-3801

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: DISKETTE: 3.50 INCH, 144 MB

25 STORAGE

26 (B) COMPUTER: IBM

27 (C) OPERATING SYSTEM: MS-DOS

28 (D) SOFTWARE: PATENTIN VER. 2.0

30 (vi) CURRENT APPLICATION DATA:

C--> 31 (A) APPLICATION NUMBER: US/09/931,048

C--> 32 (B) FILING DATE: 17-Aug-2001

34 (2) INFORMATION FOR SEQ ID NO: 1:

36 (i) SEQUENCE CHARACTERISTICS:

37 (A) LENGTH: 17 base pairs

38 (B) TYPE: nucleic acid

39 (C) STRANDEDNESS: single

40 (D) TOPOLOGY: linear

42 (ii) MOLECULE TYPE: other nucleic acid

43 (A) DESCRIPTION: /desc = "SYNTHETIC DNA"

46 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

50 GTTTTCCCAG TCACGAC 17

54 (2) INFORMATION FOR SEQ ID NO: 2:

56 (i) SEQUENCE CHARACTERISTICS:

57 (A) LENGTH: 22 base pairs

58 (B) TYPE: nucleic acid

59 (C) STRANDEDNESS: single

60 (D) TOPOLOGY: linear

62 (ii) MOLECULE TYPE: other nucleic acid

63 (A) DESCRIPTION: /desc = "SYNTHETIC DNA"

65 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

67 ATGCTGGCCG TGACGCACAG CA 22

70 (2) INFORMATION FOR SEQ ID NO: 3:

72 (i) SEQUENCE CHARACTERISTICS:

73 (A) LENGTH: 17 base pairs

## RAW SEQUENCE LISTING

DATE: 10/10/2001

PATENT APPLICATION: US/09/931,048

TIME: 18:16:54

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\10102001\I931048.raw

74 (B) TYPE: nucleic acid  
75 (C) STRANDEDNESS: single  
76 (D) TOPOLOGY: linear  
78 (ii) MOLECULE TYPE: other nucleic acid  
79 (A) DESCRIPTION: /desc = "SYNTHETIC RNA"  
81 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:  
83 GTTTTCCCAG TCACGAC 17  
88 (2) INFORMATION FOR SEQ ID NO: 4  
90 (i) SEQUENCE CHARACTERISTICS:  
91 (A) LENGTH: 17 base pairs  
92 (B) TYPE: nucleic acid  
93 (C) STRANDEDNESS: single  
94 (D) TOPOLOGY: linear  
100 (ii) MOLECULE TYPE: other nucleic acid  
101 (A) DESCRIPTION: /desc = "SYNTHETIC DNA"  
103 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
105 GTTTTCCCAG TCACGAC 17

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/931,048

DATE: 10/10/2001

TIME: 18:16:55

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF3\10102001\I931048.raw

L:31 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:32 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

OIPE

## RAW SEQUENCE LISTING

DATE: 08/27/2001

PATENT APPLICATION: US/09/931,048

TIME: 13:09:51

Input Set : A:\ES.txt

Output Set: N:\CRF3\08272001\I931048.raw

## SEQUENCE LISTING

Does Not Comply  
Corrected Diskette Needed

5 (1) GENERAL INFORMATION:  
 7 (i) APPLICANT: TADASHI OKAMOTO  
 8 (ii) TITLE OF INVENTION: PROCESS FOR DETECTING TARGET  
 9 NUCLEIC ACID, PROCESS FOR QUANTIFYING THE SAME,  
 10 AND PYRYLIUM COMPOUND FOR CHEMILUMINESCENCE  
 11 ANALYSIS  
 13 (iii) NUMBER OF SEQUENCES: 4  
 15 (iv) CORRESPONDENCE ADDRESS:  
 16 (A) ADDRESSEE: ↑  
 17 FITZPATRICK, CELLA, HARPER & SCINTO  
 18 (B) STREET: 30 ROCKEFELLER PLAZA  
 19 (C) CITY: NEW YORK  
 20 (D) STATE: NEW YORK  
 21 (E) COUNTRY: UNITED STATES OF AMERICA  
 22 (F) ZIP: 10112-3801  
 24 (v) COMPUTER READABLE FORM:  
 25 (A) MEDIUM TYPE: DISKETTE: 3.50 INCH, 144 MB  
 26 STORAGE  
 27 (B) COMPUTER: IBM  
 28 (C) OPERATING SYSTEM: MS-DOS  
 29 (D) SOFTWARE: PATENTIN VER. 2.0  
 31 (vi) CURRENT APPLICATION DATA:  
 C--> 32 (A) APPLICATION NUMBER: US/09/931,048  
 C--> 33 (B) FILING DATE: 17-Aug-2001

## ERRORED SEQUENCES

89 (2) INFORMATION FOR SEQ ID NO: 4  
 91 (i) SEQUENCE CHARACTERISTICS:  
 92 (A) LENGTH: 17 base pairs  
 93 (B) TYPE: nucleic acid  
 94 (C) STRANDEDNESS: single  
 95 (D) TOPOLOGY: linear  
 101 (ii) MOLECULE TYPE: other nucleic acid  
 102 (A) DESCRIPTION: /desc = "SYNTHETIC DNA"  
 104 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:  
 106 GTTTCCTCCAG TCACGAC 17  
 E--> 113 (V)

VERIFICATION SUMMARY

DATE: 08/27/2001

PATENT APPLICATION: US/09/931,048

TIME: 13:09:52

Input Set : A:\ES.txt

Output Set: N:\CRF3\08272001\I931048.raw

L:32 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]

L:33 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]

L:113 M:254 E: No. of Bases conflict, Input:0 Counted:18 SEQ:4

L:113 M:204 E: No. of Bases differ, LENGTH:Input:17 Counted:18 SEQ:4